

## UNITED STATES PATENT AND TRADEMARK OFFICE

## CERTIFICATE OF CORRECTION

PATENT NO : 7,452,575

DATED : November 18, 2008

INVENTOR(S) : Mark-John Goulding

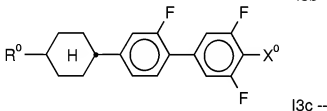
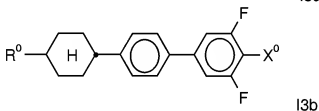
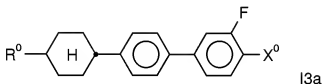
It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

On the Front Page, Inventors: line 2, reads "Mark Goulding" should read -- Mark John Goulding --

Column 61, line 18, reads "CH2" should read -- CH<sub>2</sub> --

Column 62, formulae I3a, I3b, and I3c should read

--



Column 64, line 12, reads "claim 4," should read -- claim 3, --

Column 64, line 13, reads "formula ha" should read -- formula I1a --

PATENT NO. 7,452,575

MAILING ADDRESS OF SENDER:

Millen, White, Zelano & Branigan, P.C.  
2200 Clarendon Blvd, Suite 1400  
Arlington, VA 22201

No. of additional copies



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

U.S. Patent No.: 7,452,575

Serial No. : 10/537,805

Filed : June 7, 2005

Issued : November 18, 2008

For : LIQUID-CRYSTALLINE MEDIUM AND LIQUID-CRYSTAL DISPLAY  
HAVING HIGH TWIST

**PETITION FOR CERTIFICATE OF CORRECTION  
PURSUANT TO 37 C.F.R. § 1.322 OR § 1.323**

Assistant Commissioner for Patents  
Washington, D. C. 20231

Sir:

Applicants hereby request that the above-identified U.S. patent be corrected in accordance with the attached Certificate of Correction.

I. C.F.R. § 1.322

- ☒ The mistake(s) were incurred through the fault of the Patent and Trademark Office and are clearly disclosed in the records of the Office. Therefore, no fee is due.

II. C.F.R. § 1.323

- ☐ At least some of the mistakes were made by the applicant. Therefore, a check in the amount of \$100.00 in payment of the fee set forth in 37 C.F.R. § 1.20(a) is enclosed herewith.

Enclosed herewith is a Form PTO-1050 (in duplicate) listing errors that have been found in the above-identified patent. The error(s) are of a clerical or typographical nature or of minor character and were made in good faith. The requested correction(s) do not constitute new matter or require reexamination.

III. Accordingly, patentees and their assignee respectfully request that the Patent and Trademark Office issue a Certificate of Correction pursuant to 37 C.F.R. § 1.322 or § 1.323, respectively.

Respectfully submitted,

\_\_\_\_\_/Jennifer J Branigan/  
Jennifer J. Branigan, Reg. No. 40,921  
Attorney for Applicants

MILLEN, WHITE, ZELANO  
& BRANIGAN, P.C.  
Arlington Courthouse Plaza 1  
2200 Clarendon Blvd. Suite 1400  
Arlington, Virginia 22201  
Telephone: (703) 243-6333  
Facsimile: (703) 243-6410

Attorney Docket No.: MERCK-3033

Date: May 27, 2009

JJB/mcs